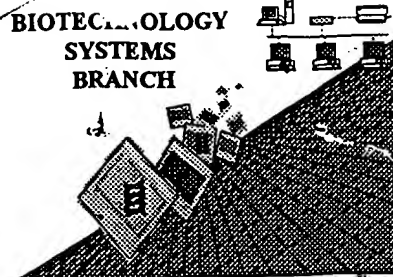# RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information
Center (STIC) detected errors when processing the following computer readable
form:

Application Serial Number: ___09|954,531___

Source: ___OIPE___

Date Processed by STIC: ___11|6|01___

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE
   APPLICANT, WITH A NOTICE TO COMPLY or,**
2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A
   NOTICE TO COMPLY**
FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.
PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)
PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER</u>
<u>VERSION 3.0 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:**

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program
employing a logical and intuitive user-interface to check whether a sequence listing is in
compliance with format and content rules. Checker Version 3.0 works for sequence listings
generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old
rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual
Property Organization (WIPO) Standard ST.25.
Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-
compliant. Checker allows public users to check sequence listings in Computer Readable form
(CRF) before submitting them to the United States Patent and Trademark Office (USPTO).
Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence
listings, thus saving time and money.

<u>Checker Version 3.0 can be down loaded from the USPTO website at the following address:</u>
http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED   **SUGGESTED CORRECTION**   **SERIAL NUMBER: 09 954,431**

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 ____ Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file
       Wrapped Aminos was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will
                 prevent "wrapping."

2 ____ Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

3 ____ Misaligned Amino The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers;
       Numbering   use space characters, instead.

4 ____ Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please
                   ensure your subsequent submission is saved in ASCII text.

5 ____ Variable Length Sequence(s)____contain n's or Xaa's representing more than one residue. Per Sequence Rules,
                   each n or Xaa can only represent a single residue. Please present the maximum number of each
                   residue having variable length and indicate in the <220>-<223> section that some may be missing.

6 ____ PatentIn 2.0 A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid
       "bug"   sequences(s) _____. Normally, PatentIn would automatically generate this section from the
                   previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to
                   the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for
                   Artificial or Unknown sequences.

7 ____ Skipped Sequences Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
       (OLD RULES) (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
                   (i)   SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
                   (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
                   This sequence is intentionally skipped

                   Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.

8 ____ Skipped Sequences Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
       (NEW RULES) <210> sequence id number
                   <400> sequence id number
                   000

9 ✓ Use of n's or Xaa's Use of n's and/or Xaa's have been detected in the Sequence Listing.
       (NEW RULES) Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
                   In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

10 ____ Invalid <213> Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or
       Response   scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or
                   is Artificial Sequence

11 ____ Use of <220> Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
                   Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or
                   "Unknown." Please explain source of genetic material in <220> to <223> section.
                   (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)

12 ____ PatentIn 2.0 Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file,
       "bug"   resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence
                   listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPE

RAW SEQUENCE LISTING   531   DATE: 11/06/2001
PATENT APPLICATION: US/09/954,431   TIME: 09:48:54

Does Not Comply
Corrected Diskette Needed

Input Set : N:\jumbos\huge\09954531.txt
Output Set: N:\CRF3\11062001\I954431.raw

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   3 <110> APPLICANT: Weaver, Zoe
   5 <120> TITLE OF INVENTION: Process for Identifying Anti-Cancer Therapeutic Agents Using
Cancer Gene
   6       Sets
   8 <130> FILE REFERENCE: 689290-77
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/954,431
C--> 10 <141> CURRENT FILING DATE: 2001-09-18
  10 <150> PRIOR APPLICATION NUMBER: US/60/233,133
  11 <151> PRIOR FILING DATE: 2000-09-18
  13 <150> PRIOR APPLICATION NUMBER: US/60/234,009
  14 <151> PRIOR FILING DATE: 2000-09-20
  16 <150> PRIOR APPLICATION NUMBER: US/60/234,034
  17 <151> PRIOR FILING DATE: 2000-09-20
  19 <150> PRIOR APPLICATION NUMBER: US/60/234,509
  20 <151> PRIOR FILING DATE: 2000-09-22
  22 <150> PRIOR APPLICATION NUMBER: US/60/234,567
  23 <151> PRIOR FILING DATE: 2000-09-22
  25 <160> NUMBER OF SEQ ID NOS: 1392
  27 <170> SOFTWARE: PatentIn version 3.0
  29 <210> SEQ ID NO: 1
  30 <211> LENGTH: 326
  31 <212> TYPE: DNA
  32 <213> ORGANISM: Homo sapiens
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  37 catgatggtg gtgggtacgg gcacctcgct ggcgctctcc tccctcctgt ccctgctgct    120
  39 ctttgctggg atgcagatgt acagccgtca gctggcctcc accgagtggc tcaccatcca    180
  41 gggcggcctg cttggttcgg gtctcttcgt gttctcgctc actgccttca ataatctgga    240
  43 gaatcttgtc tttggcaaag gattccaagc aaagatcttc cctgagattc tcctgtgcct    300
  45 cctgttggct ctctttgcat ctggcc                                        326
  48 <210> SEQ ID NO: 2
  49 <211> LENGTH: 335
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  58 ttgtaacaat agcacaaatc gaacttagga tttgtttctt ctcttctgtg tttcgatttt    180
  60 tgatcaattc tttaattttg taagcctata atacagtttc tattctttga gataaaaatt    240
  62 aaatgatcac tgatatttta gtcattcttg cttctcatct aaatatttcc atattctgta    300
  64 ttaggagaaa attaccctcc cagcaccagt cttcc                               335
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  69 <212> TYPE: DNA
  70 <213> ORGANISM: Homo sapiens
  72 <400> SEQUENCE: 3
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  75 aagctccctt cagtccttca gggctgggca tgtggttgat ttttctaaag ctggagaaag    120
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Errors on pp. 3–5
and

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

RAW SEQUENCE LISTING   DATE: 11/06/2001
PATENT APPLICATION: US/09/954,431   TIME: 09:48:54

Input Set : **N:\jumbos\huge\09954531.txt**
Output Set: **N:\CRF3\11062001\I954431.raw**

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79  cctttctact ggtttattta ataaagttct atgtgatttt ttaaaaaaga aaaa          235
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83  <211> LENGTH: 308
84  <212> TYPE: DNA
85  <213> ORGANISM: Homo sapiens
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92  gttttttggct tagaggttgg tccttccctg gtttaatgat gcttttgttc agactgtcct    180
94  ctaggacttg aatttgaagc agaaacagaa cagcacctga tcctcagtta tactgcaaag    240
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98  gcttcttt                                                              308
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109 cagatggaag gtgcacacgc tcctgtctcc tcctcactct gccacgttca cttggctttt    120
111 tcattggtac ctaggaattt aagaatatcg aagcgagaca cgtaacaaac catagatgag    180
113 cagactccca caccgggttt tcttgcccgt ctttaaggca ctgtttctaa attttgaact    240
115 tagctctgaa tccccaagaa cttgagcaca gcaagggttg ctgagctgct gtcgccgcag    300
117 ccctggcccc tggtgctgga gctgcagcac ctttgggaga ggtcctgcgt cgtcctcagc    360
119 tgcgtcgctg tgaactcccg ctctccactg tgttcctcag tgtctgcttt tcaggaagtc    420
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123 tgccct                                                               486
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127 <211> LENGTH: 379
128 <212> TYPE: DNA
129 <213> ORGANISM: Homo sapiens
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136 ctggcccagc ccagagctgg gacctggagc acgatctgtt gacttccctg ggtaggacac    180
138 tgccacctct gggctcaggt cctcatgcct ccaaatggca tctagagttt gagcagcctt    240
140 cttggctgag gcaggcctag cctgtggagc gggctagggc caggagcatt tggtgcccct    300
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144 aaaataacgt gtgtctttc                                                 379
147 <210> SEQ ID NO: 7
148 <211> LENGTH: 456
149 <212> TYPE: DNA
150 <213> ORGANISM: Homo sapiens
152 <400> SEQUENCE: 7
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155 cttcatgtgg agttcatctg catgtggccc ttactctgaa gcctcttcct gatctggagc    120
157 cacagtctgt ctgtcttcca gttcatctca gtcctcgaga aaggcccttt aaatatgtca    180
159 ctttcccatt ttcctttaac catgggttgt gtgagccaga aagagctttg agaaagatgg    240
161 ctgcttccac cagggtggag gcttctaggt ctgcatgatg atggggcccg tttctggcca    300
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    163 gagggtggct ctgggagcag ttgtgctgcg ggcttgctgg gggagaactc taactgttgc    360
    165 agaaacagag cttcatggct tgcttaaatt acttagctgg aatattttaa agtgtcagat    420
    167 aatgtgatgt acaaagagag tatgccgatg catttc                              456
    170 <210> SEQ ID NO: 8
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    172 <212> TYPE: DNA
    173 <213> ORGANISM: Homo sapiens
    175 <220> FEATURE:
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    177 <223> OTHER INFORMATION: n=a,t,g or c
    180 <400> SEQUENCE: 8
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    183 gagaagaaag agaaatgatg cagctggtgc ccgagcctct cagggccaga ccagacagat    120
W--> 185 gggggctggg cccacacagg cgtgcaccgg gtagagngca caggtaggcc aaggggnagc    180
W--> 187 tcccaggaca gggcaagggg gcagcangga tacctgcnag ccagggnctc tntggcctnt    240
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W--> 209 tagtacactg catggtattt aatattccag gaagcatggg atttnatttt gcttgatttg    180
    211 ggcacatgaa ataatagctc taggaaaatg cgcatcttaa tgactctttg taaagagagg    240
    213 catttcttac aactgtgatg tttgcttaca taaaagttac ctcataagtt aattcta      297
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    218 <212> TYPE: DNA
    219 <213> ORGANISM: Homo sapiens
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    223 <223> OTHER INFORMATION: n=a,t,g or c
    226 <400> SEQUENCE: 10
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    229 tgaatatcat attgtatcat caatgctgat attttaactg agttggtctt taggtttaag    120
W--> 231 atggataaat gaatatcact acttgttctg aaaacaggtt tgttgctttt natctcgctg    180
    233 cctagattga aatattttgc tatttcttct gcataagtga cagtgaacca attcatcatg    240
    235 agtaagctcc cttctgtcat tttcattgat ttaatttgtg tatcatcaat aaaattgtat    300
    237 gttaatgctg gaaagaaaaa aagaagaaag aaagaaacca tccctgtcct tcagtttata    360
    239 atc                                                                  363
    242 <210> SEQ ID NO: 11
    243 <211> LENGTH: 335
    244 <212> TYPE: DNA
    245 <213> ORGANISM: Homo sapiens
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(handwritten annotations: "Missing ∠2227 → See error summary sheet item 9" near lines 172–177; "Same" near line 201; "Same" near line 223)

RAW SEQUENCE LISTING　　　　　　　　DATE: 11/06/2001
PATENT APPLICATION:　US/09/954,431　　　TIME: 09:48:54

Input Set : **N:\jumbos\huge\09954531.txt**
Output Set: **N:\CRF3\11062001\I954431.raw**

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248 <221> NAME/KEY: misc_feature            ——same
249 <223> OTHER INFORMATION: n=a,t,g or c
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255 gantcagcct cttcctctat aaacaatgac caattagacg tttccgtaat tccatgtatt   120
257 atgtatagta cactctataa atgtaaatgt aatgcttgtc taaaaagtgc aatttattgt   180
259 acattgtccc aacaaatgtt tacttttata atcgttatga acttgaattg gattagtatc   240
261 ttgttttttat gtgtgaatga agccttgtga aataacaaat gcaactgaga aggtacaagg   300
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271 <400> SEQUENCE: 12
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274 tgattttcaa tgtttcttcc aaaggtgcag tctccaaaga gattacgaat gccttggaaa   120
276 cctggggtgc cttgggtcag gacatcaact tggacattcc tagttttcaa atgagtgatg   180
278 atattgacga tataaaatgg gaaaaaactt cagacaagaa aaagattgca caattcagaa   240
280 aagagaaaga gactttcaag gaaaaagata catataagct atttaaaaat ggaactctga   300
282 aaattaagca tctgaagacc gatgatcagg atatctataa ggtatcaata tatgatacaa   360
284 aaggaaaaaa tgtgttggaa aaaatatttg atttgaagat tcaagagagg gtctcaaaac   420
286 caaagatctc ctggacttgt atcaacacaa ccctgacctg tgaggtaatg aatggaactg   480
288 accccgaatt aaacctgtat caagatggga aacatctaaa actttctcag agggtcatca   540
290 cacacaagtg gaccaccagc ctgagtgcaa aattcaagtg cacagcaggg aacaaagtca   600
292 gcaaggaatc cagtgtcgag cctgtcagct gtccagagaa aggtctggac atctatctca   660
294 tcattggcat atgtggagga ggcagcctct tgatggtctt tgtggcactg ctcgttttct   720
296 atatcaccaa aaggaaaaaa cagaggagtc ggagaaatga tgaggagctg gagacaagag   780
298 cccacagagt agctactgaa gaaaggggcc ggaagcccca ccaaattcca gcttcaaccc   840
300 ctcagaatcc agcaacttcc caacatcctc ctccaccacc tggtcatcgt tcccaggcac   900
302 ctagtcatcg tcccccgcct cctggacacc gtgttcagca ccagcctcag aagaggcctc   960
304 ctgctccgtc gggcacacaa gttcaccagc agaaaggccc gcccctcccc agacctcgag  1020
306 ttcagccaaa acctcccatg gggcagcaga aaactcattg tccccttcct ctaattaaaa  1080
308 aagatagaaa ctgtcttttt caataaaaag cactgtggat ttctgccctc ctgatgtgca  1140
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312 ggccacagcc acctctgcat cttcgaactc agccatgtgg tcaacatctg gagtttttgg  1260
314 tctcctcaga gagctccatc acaccagtaa ggagaagcaa tataagtgtg attgcaagaa  1320
316 gtgtagagga ccgagccaga aatcttagag atttcttgtc ccctctcagg tcatgtgtag  1380
318 atgcgataaa tcaagtgatt ggtgtgcctg ggtctcacta caagcagcct atctgcttaa  1440
320 gagactctgg agtttcttat gtgccctggt ggacacttgc ccaccatcct gtgagtaaaa  1500
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330 <220> FEATURE:                           ——same
331 <221> NAME/KEY: misc_feature
332 <223> OTHER INFORMATION: n=a,t,g or c
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W--> (handwritten annotation at line 255)

RAW SEQUENCE LISTING   DATE: 11/06/2001
PATENT APPLICATION: US/09/954,431   TIME: 09:48:54

Input Set : **N:\jumbos\huge\09954531.txt**
Output Set: **N:\CRF3\11062001\I954431.raw**

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       340 gtgaaagaac catttttaa acttcccttg cctttttttat ttatttaatt ttcttggttt       180
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       344 tagggcatat gcaacggagg ttctcacctc cctaaagaag ggacttgaat tttagggact       300
       346 ttaattcacc cctccttcaa tacaactttc cccttcttg tttgcacatg ccaagataac       360
       348 tgcttttatg caggctgtac cccttgaaa aatcctttct acagtgctgg tcacaaaaga       420
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       365 attcagtata gcaaggtgct aggttttttc ctttccccac ctgtctctta gcctggggaa       180
       367 ttaaatgaga agccttagaa tgggtggccc ttgtgacctg aaacacttcc cacataagct       240
       369 acttaacaag attgtcatgg gagctgcaga ttccattgcc caccaaagac taggaacaca       300
       371 cacatatcca tacaccaaag ggaaaggaca atttctggaa atgctgtttc ttctgggtgg       360
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       382 <221> NAME/KEY: misc_feature
       383 <223> OTHER INFORMATION: n=a,t,g or c
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       401 cgaaggttgg atgagtgtga agaagccttc caaggaacca aggtgtttgt gatgcccaat       480
       403 gggatgctga aaagcaacca gcagctggtg gacattattg agaaagtgaa acctgagatc       540
       405 cggctgttga ttgagaaatg taacacgcct tcaggcaaag gtcctcatat atgtttttgac       600
       407 ctccaggtca aaatgtgggt acagctcctg attcccagga tagaagatgg aaacaacttt       660
       409 ggggtgtcca ttcaggagga aacagttgca gagctaagaa ctgttgagag tgaagctgca       720
       411 tcttatctgg accagatttc tagatattat attacaagag ccaaattggt ttctaaaata       780
       413 gctaaatatc cccatgtgga ggactatcgc cgcaccgtga cagagattga tgagaaagaa       840
       415 tatatcagcc ttcggctcat catatcagag ctgaggaatc aatatgtcac tctacatgac       900
       417 atgatcctga aaaatatcga gaagatcaaa cggccccgga gcagcaatgc agagactctg       960
       419 tactgaggcc agggccaggg ccaggggact ctgtgagtct ggctcaagac cgacattgcc      1020
       421 ttggtttgtt acatgactat cgtgatgggg aaactggctg gaaatagtaa tcacacctct      1080
       423 ctgttttttag ttagagtcta atgaaactct catctagttc tgtgatgtgt ttacctcttt      1140
       425 tttcaggcct caggaactct tctatttcct tccctaatac cccacaccca acctgtcgta      1200
```

VERIFICATION SUMMARY
PATENT APPLICATION: **US/09/954,431**

DATE: 11/06/2001
TIME: 09:48:55

Input Set : **N:\jumbos\huge\09954531.txt**
Output Set: **N:\CRF3\11062001\I954431.raw**

```
L:10  M:270 C: Current Application Number differs, Replaced Current Application No
L:10  M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:185 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:187 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:189 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:191 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:8
L:191 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:205 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:9
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:207 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:9
L:207 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:209 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:9
L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:231 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:10
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:255 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:11
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:350 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13
L:350 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:352 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:13
L:352 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:461 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:15
L:461 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:477 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:15
L:477 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:744 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:746 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:748 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:750 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:754 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:756 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21
L:756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:791 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:23
L:791 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:856 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:858 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25
L:858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:914 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:28
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
```

VERIFICATION SUMMARY   ·   DATE: 11/06/2001
PATENT APPLICATION: **US/09/954,431**   TIME: 09:48:55

Input Set : **N:\jumbos\huge\09954531.txt**
Output Set: **N:\CRF3\11062001\I954431.raw**

```
L:975  M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:30
L:975  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:977  M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:30
L:977  M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:1070 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:34
L:1070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1072 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:34
L:1072 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1074 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:34
L:1074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1092 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:35
L:1092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1094 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:35
L:1094 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1096 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:35
L:1096 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:1448 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:52
L:1448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:1481 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:54
L:1481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:2092 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:84
L:2092 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84
L:2106 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:85
L:2106 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:2114 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:85
L:2114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:2116 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:85
L:2116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:2118 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:85
L:2118 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85
L:2157 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:87
L:2157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:2163 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:87
L:2163 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:2165 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:87
L:2165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87
L:2293 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:94
L:2293 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:2295 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:94
L:2295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:2301 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:94
L:2301 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:2305 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:94
L:2305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:2331 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:95
L:2331 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:2677 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:112
L:2677 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:112
L:2701 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:113
```

VERIFICATION SUMMARY   DATE: 11/06/2001
PATENT APPLICATION: **US/09/954,431**   TIME: 09:48:55

Input Set : **N:\jumbos\huge\09954531.txt**
Output Set: **N:\CRF3\11062001\I954431.raw**

```
L:2701 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:2703 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:113
L:2703 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
L:2705 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:113
L:2705 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113
```